

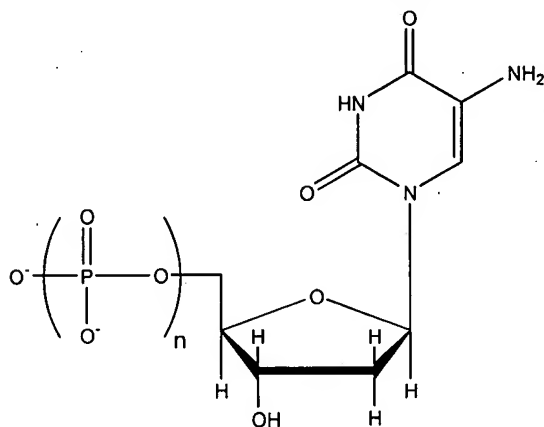
In the Claims

Applicants have submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please cancel claims 8-30 and 37-48 without prejudice or disclaimer.

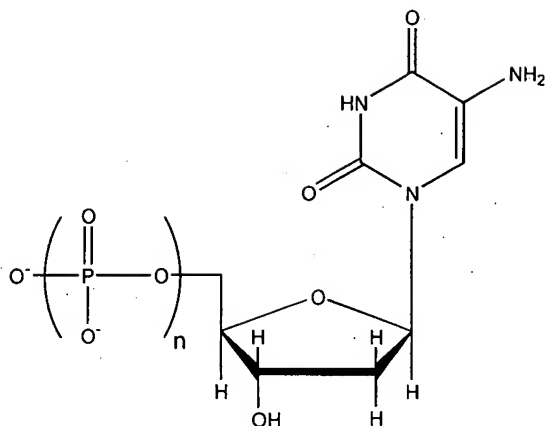
Please amend pending claims 2, 3, 31, and 34 as noted below.

1. (Original) A composition, comprising a structure:



wherein n is at least 2.

2. (Currently amended) The composition of claim 1, wherein at least one atom of the structure is radioactive.
3. (Currently amended) The composition of claim 1, wherein a hydrogen atom on a the base of the structure has been substituted by an electron-rich group.
4. (Original) A method of synthesizing a composition, comprising:
providing a species comprising a nucleoside; and
reacting the species with a compound to form a composition comprising a structure:



wherein n is at least 2.

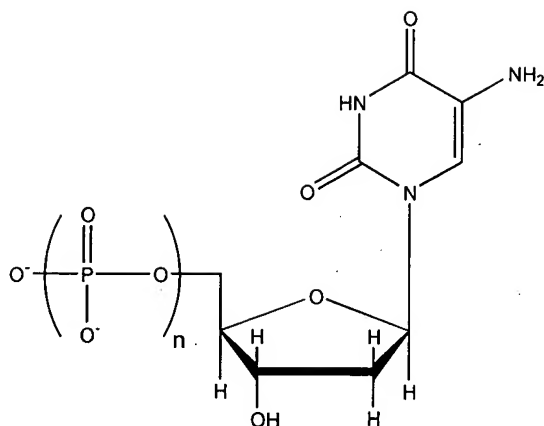
5. (Original) The method of synthesizing a composition of claim 4, wherein the nucleoside comprises deoxyuridine.

6. (Original) The method of synthesizing a composition of claim 4, wherein the nucleoside comprises a deoxyuridine derivative.

7. (Original) The method of synthesizing a composition of claim 6, wherein the deoxyuridine derivative comprises 5-nitro-2'-deoxyuridine.

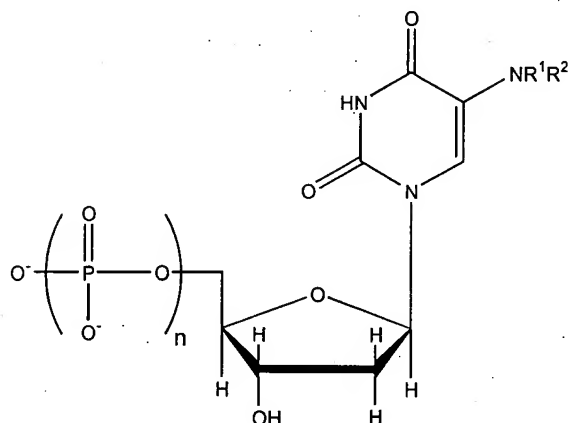
8-30. (Cancelled).

31. (Currently amended) A method of synthesizing an amine, comprising:
providing a composition comprising a structure:



wherein n is at least 2; and

reacting the NH_2 group of the composition with a compound to form an amine comprising a structure:

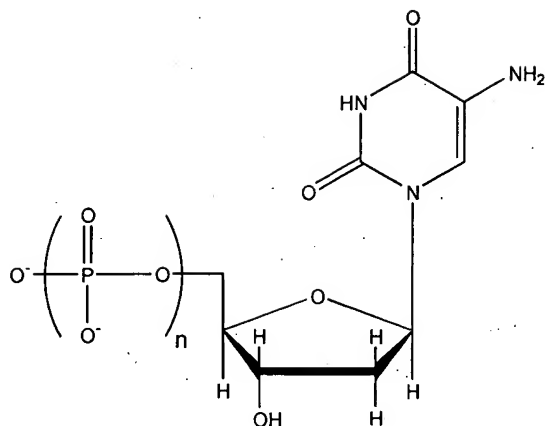


R^1 and R^2 each comprising an atom, wherein at least one of R^1 and R^2 comprises a carbon atom.

32. (Original) The method of synthesizing an amine of claim 31, wherein at least one of R^1 and R^2 comprises a fluorescent entity.

33. (Original) The method of synthesizing an amine of claim 31, wherein at least one of R^1 and R^2 comprises a radioactive entity.

34. (Currently amended) A method of synthesizing a compound, comprising:
providing a composition comprising a structure:



wherein n is at least 2; and

coupling a reporting group to the ~~compound~~ composition.

35. (Original) The method of synthesizing a compound of claim 34, wherein the reporting group is fluorescent.

36. (Original) The method of synthesizing a compound of claim 34, wherein the reporting group is radioactive.

37-48. (Cancelled).